

N<sup>o</sup>-9-

Feb'y 12<sup>th</sup> 1889

March 20<sup>th</sup> 1889-

Dr 2981 to 3010.

Hyd 1762 to 1830.

Abb.	Meaning	Abb.	Meaning
b	clay	bk	black
bs	basal	br	brown
For	Foraminifera	bu	blue
G	gravel	choc	chocolate
Glob	globigerina	dk	dark
M.	Mud	gn	green
Oz	Ooze	gy	gray
P.	Pebbles	lt	light
Pter.	Pteropods	rd	red
R.	Rock	slat	slate
S.	Sand	wh	white
Sh.	Shells	yl	yellow
Sp.	Specks		
St.	Stones		
brk	broken		
co.	coarse		
fine	fine		
hnd	hard		
lge	large		
sky	rocky		
sft	soft		
sm	small		
str	sticky		
stf	stiff		

Tanner Machine

on rail 40.0

<u>Turns</u>	<u>Correction</u>
16-38	+1
38-70	+2
70-105	+3
105-142	+4
142-190	+5
190-260	+6
260-384	+7
# 1762 Hull	
# 2981 Dredge	

Lent 13.

No. 36. 1762 Date Feb. 12<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 38 Cor. + 2 Depth 40

Shot or lead 25-lbs.

Bottom brk. Sh.

Bottom temperature 57

No. of Thermometer 61588 Cor.  $\pm 0$ 

Corrected temperature 57

Air 62 Surface 60 Drift.

~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

P.M. 10.06.00 107.10

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

2981.

Date

February 13/04

Tanner

Machine.

Reel.

Turns

43

Cor. +

2

Depth

45

Shot or lead

25 lbs

Bottom

Crs gy S &amp; bk Sh.

Bottom temperature

none

No. of Thermometer

none

Cor. -

Corrected temperature

none

Air

61

Surface

58

Drift.

1/2 m S 1/2 E

Trawl or dredge or tangles

Large Beam

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

6-10-0

0

6-15-0

32-25

100

6-19-30

6-29-30

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

### REMARKS.

No. *Hy 1763* Date *February 13/89*

Tanner. Machine. Reel.

Turns *40* Cor. + *2* Depth *42*

Shot or lead *25 lbs*

Bottom *gy. for. Sh. R.*

Bottom temperature *55.5*

No. of Thermometer *61588* Cor.  $\pm 0$

Corrected temperature *55.5*

Air *61* Surface *58* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*A.M.**6-39-0**6-40-0**0**39-30**100**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400*

*Port of Fish & oysters on side -  
Caught - 5 R. & Red Rock fish*



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1764*

Date *February 12/99*

*anner* Machine. Reel.

Turns *31* Cor. + *1* Depth *32*

Shot or lead *25 lbs*

Bottom *gy. S.*

Bottom temperature *none*

No. of Thermometer *none* Cor.

Corrected temperature *none*

Air *61* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*A. M. 7-23-0*

*Put 6 fish lines over side -  
Caught 5*

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

W. B. 6078

No. 1765 Hya Date 26 13<sup>th</sup> 1881

Machine. Reel.

Turns 20 Cor. + 1 Depth 21

Shot or lead 25 lb

Bottom gy

Bottom temperature nm

No. of Thermometer nm Cor.

Corrected temperature nm

Air 60 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
A. M. 8:11:10		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
18		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1766 N.Y. Date Sep. 1871

Machine.	Reel.
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Turns	Cor. + Hand-line	Depth
1	10	10
2	20	20
3	30	30
4	40	40
5	50	50
6	60	60
7	70	70
8	80	80
9	90	90
10	100	100
11	110	110
12	120	120
13	130	130
14	140	140
15	150	150
16	160	160
17	170	170
18	180	180
19	190	190
20	200	200
21	210	210
22	220	220
23	230	230
24	240	240
25	250	250
26	260	260
27	270	270
28	280	280
29	290	290
30	300	300
31	310	310
32	320	320
33	330	330
34	340	340
35	350	350
36	360	360
37	370	370
38	380	380
39	390	390
40	400	400
41	410	410
42	420	420
43	430	430
44	440	440
45	450	450
46	460	460
47	470	470
48	480	480
49	490	490
50	500	500
51	510	510
52	520	520
53	530	530
54	540	540
55	550	550
56	560	560
57	570	570
58	580	580
59	590	590
60	600	600
61	610	610
62	620	620
63	630	630
64	640	640
65	650	650
66	660	660
67	670	670
68	680	680
69	690	690
70	700	700
71	710	710
72	720	720
73	730	730
74	740	740
75	750	750
76	760	760
77	770	770
78	780	780
79	790	790
80	800	800
81	810	810
82	820	820
83	830	830
84	840	840
85	850	850
86	860	860
87	870	870
88	880	880
89	890	890
90	900	900
91	910	910
92	920	920
93	930	930
94	940	940
95	950	950
96	960	960
97	970	970
98	980	980
99	990	990
100	1000	1000

Shot or lead 8 lbs

*Bottom*

Bottom temperature 22.0.

No. of Thermometer	Cor.
1	0.00
2	0.00
3	0.00
4	0.00
5	0.00
6	0.00
7	0.00
8	0.00
9	0.00
10	0.00
11	0.00
12	0.00
13	0.00
14	0.00
15	0.00
16	0.00
17	0.00
18	0.00
19	0.00
20	0.00
21	0.00
22	0.00
23	0.00
24	0.00
25	0.00
26	0.00
27	0.00
28	0.00
29	0.00
30	0.00
31	0.00
32	0.00
33	0.00
34	0.00
35	0.00
36	0.00
37	0.00
38	0.00
39	0.00
40	0.00
41	0.00
42	0.00
43	0.00
44	0.00
45	0.00
46	0.00
47	0.00
48	0.00
49	0.00
50	0.00
51	0.00
52	0.00
53	0.00
54	0.00
55	0.00
56	0.00
57	0.00
58	0.00
59	0.00
60	0.00
61	0.00
62	0.00
63	0.00
64	0.00
65	0.00
66	0.00
67	0.00
68	0.00
69	0.00
70	0.00
71	0.00
72	0.00
73	0.00
74	0.00
75	0.00
76	0.00
77	0.00
78	0.00
79	0.00
80	0.00
81	0.00
82	0.00
83	0.00
84	0.00
85	0.00
86	0.00
87	0.00
88	0.00
89	0.00
90	0.00
91	0.00
92	0.00
93	0.00
94	0.00
95	0.00
96	0.00
97	0.00
98	0.00
99	0.00
100	0.00

Corrected temperature 72.00

*Air* 60      *Surface* 57      *Drift.*

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
A. M.		0		
8.4.00		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1763 Date *Sept 7 1877**Sigsbee* Machine. Reel.Turns *66* Cor. + *6* Depth *71*Shot or lead *35*Bottom *brk co.*Bottom temperature *57.4*No. of Thermometer *61588* Cor. *-0*Corrected temperature *57.4*Air *60* Surface *57* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*A.M.*

*9.47.30* *9.57.30*

*9.50.00* *9.57.30*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1768 Date 1431 13' 29

Sigsbee Machine. Reel. 1

Turns 608 Cor. + 44 Depth 644

Shot or lead 35

Bottom gy. S.

Bottom temperature 39.5

No. of Thermometer 61555 Cor. 10

Corrected temperature 39.5

Air 62 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
10. 33.0		0		
10. 37.00	10. 54.00	100		
10. 38.40	10. 53.30	200		
10. 41.30	10. 52.00	300		
10. 44.00	10. 50.00	400		
10. 44.30	10. 48.00	500		
10. 45.00	10. 46.00	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2982 Date Feb. 13<sup>th</sup>

Machine. Reel.

Turns 164 Cor. + 14 Depth 178Shot or lead 35Bottom S. M. G.Bottom temperature 41.6.7No. of Thermometer 61588 Cor.Corrected temperature 46.7Air 63 Surface 58 Drift. N 1/2 WTrawl or dredge or tangles 1200

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

A.M. DOWN.	UP.		A.M. DOWN.	P.M.
11.40.00	11.45.50	0	11.42.00	25. 05
11.41.00	11.44.30	100	11.54.30	22. 15
11.42.00	11.43.00	200	11.51.30	19. 20
		300	11.50.00	16. 40
		350		
		400	12. 01. 25	15. 00
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Smith*

No. *1769* Date *Feb. 14<sup>th</sup> 1889*

*Sigsbee* Machine. *2* Reel.

Turns *171* Cor. + *14* Depth *185*

~~Shot or lead~~ *35 lb*

Bottom *fine bk & wh s.*

Bottom temperature *46*

No. of Thermometer *61588* Cor.  $\pm$  *0*

Corrected temperature *46*

Air *55* Surface *56* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

*AM*  
DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*6.30.00* *6.27.20*  
*6.31.00* *6.36.10*  
*6.32.00* *6.35.30*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1730 Date 4/1/55

No.	Machine.	Reel.
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
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30		
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83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		

Turns 676 Cor. 4 215 Depth 71 f

Shot or lead 35 lbs

Bottom *gm M.*

Bottom temperature 39.4

No. of Thermometer 61588 Cor.  $\pm$  0

Corrected temperature 39.4

Air 55 Surface 56 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.		0		
7. 1. 30		100		
7. 2. 30	7. 35. 00	200		
7. 23. 30	7. 3. 00	300		
7. 25. 00	7. 34. 00	400		
7. 26. 30	7. 33. 30	500		
	7. 32. 30	600		
7. 28. 45	7. 31. 00	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1971

Date

February 14/92

Machine.

Reel. #20

Turns 512 Cor. + 39

Depth 551

Shot or lead 35 lbs.

Bottom gravel

Bottom temperature 40

No. of Thermometer 61588 Cor. ±

Corrected temperature 40

Air 56 Surface 57 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

01-50

33-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

## DREDGE ROPE.

DOWN.

UP.

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *16* 1772Date *Feb. 26* 188*1**Sigsbee* Machine. *2* Reel.Turns *70* Cor. + *6* Depth *76*~~Shot~~ or lead *38* lbs.Bottom *gy S. S.*Bottom temperature *52.8*No. of Thermometer *61588* Cor.  $\pm$  *0*Corrected temperature *52.8*Air *61* Surface *60* Drift.~~Trawl~~ or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M.</i>				
<i>4. 03. 50</i>	<i>06.55</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Laut B.

No. 16 1772 Date Feb. 26 1887.

Sigbee Machine. 2 Reel.

Turns 686 Cor. + 49 Depth 735

Shot or lead 38 lbs

Bottom M. M.

Bottom temperature

No. of Thermometer 61588 Cor.  $\pm 0$ 

Corrected temperature 38

Air 61 Surface 60 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

P.M.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
4.	43.40	0.00.00	0		
	44.30	4.59.00	100		
	45.30	4.58.30	200		
	46.35	4.58	300		
	47.45	4.57	400		
	49.00	4.56	500		
	50.10	4.55	600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Machine. 2 Reel.

Shot or beat 35 lb.

Bottom gy M.

Bottom temperature 37.8

No. of Thermometer 61588 Cor. 1.2

Corrected temperature 37.8

Air 63 Surface 59 Drift.

~~Trawl or dredge or bangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P. 772.				
6. 15. 50	32. 20	0		
17. 20	31. 30	100		
18. 20	30. 55	200		
19. 20	30. 10	300		
20. 40	29. 25	400		
21. 45	28. 40	500		
22. 50	27. 45	600		
24. 15	26. 40	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 177543 Date July 10  
Sigsbee Machine. Reel. 2  
 Turns 748 Cor. + 53 Depth 801  
 Shot or Lead 35 lb  
 Bottom gy. O.  
 Bottom temperature 37.5  
 No. of Thermometer 61388 Cor. ±0  
 Corrected temperature 37.5  
 Air 61 Surface 69 Drift.  
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.31.00		0		
		100		
		200		
	8.41.00	300		
	8.42.00	400		
	8.43.00	500		
		600		
8.44.00		700		
	8.45.00	800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1776 Date Oct 11 1881

Machine. Reel. 2

Turns 756 Cor. + 53 Depth 809

Shot or lead 85 lb

Bottom gy. Oz.

Bottom temperature 87.5

No. of Thermometer 61311 Cor. 1.0

Corrected temperature 37.5

Air 60 Surface 69 Drift.

Trawl or dredge or tangles

#### SOUNDING WIRE.

DOWN.

UP.

TURNS.

#### DREDGE ROPE.

DOWN.

UP.

11.18.00	11.36
11.19.00	11.35
11.20.00	11.34.00
11.21.00	11.33.
11.22.00	11.32.00
11.23.00	11.31.00
11.24.00	11.29.50
11.25.00	11.28.50
11.26.00	11.28.00

0  
100  
200  
300  
400  
500  
600  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1497*Date *February 27/89.*Machine. *Sigsbee*Reel. *#2*Turns *800* Cor. + *56*Depth *856*Shot or lead *55 lbs*Bottom *gy. s.*Bottom temperature *37.4*No. of Thermometer *6158* Cor. *±0*Corrected temperature *37.4*Air *60* Surface *60* Drift.Trawl or dredge or tangles *—*

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*A. 10*  
*2-36-30**3-02-0**0**30-30**1-30**100**40-0**1**200**42-0**54**300**48-0**58**400**48-0**58**500**45-0**57**600**5-0**56**700**47-30**2-55-30**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1746 Date Feb. 27 1887

Sigsbee Machine. 2 Reel.

Turns 1418 Cor. + 94 Depth 1512

Shot or lead 35 lbs.

Bottom choc. G.

Bottom temperature 35.3

No. of Thermometer 6581 Cor. + 0

Corrected temperature 35.3

Air 61 Surface 60.1 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.	UP.		DOWN.	UP.
7. 39. 50	09. 50	0		
40. 25	09. 10	100		
41. 20	08. 35	200		
42. 25	08. 00	300		
43. 30	07. 20	400		
44. 40	06. 40	500		
45. 50	05. 55	600		
47. 05	05. 10	700		
48. 20	04. 30	800		
49. 40	03. 40	900		
51. 00	02. 50	1000		
52. 20	01. 50	1100		
53. 40	00. 55	1200		
55. 10	59. 55	1300		
56. 50	58. 30	1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put to sea  
bottom in  
1512



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

(W 11/17)  
No. 11174 Date / / 1881

Machine. Reel. &

Turns 1672 Cor. + 104 Depth 1776

Shot or lead 35-lb

Bottom Br. M.

Bottom temperature 35.7

No. of Thermometer 615-88 Cor.  $\pm 0$

Corrected temperature 35

Air 60 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.8.00	11.46.30	0		
11.9.00	11.39.30	100		
11.10.00	11.39.00	200		
11.10.30	11.38.30	300		
11.11.00	11.38.00	400		
11.12.00	11.37.10	500		
11.13.30	11.36.40	600		
11.14.15	11.36.00	700		
11.15.15	11.35.30	800		
11.16.15	11.35.00	900		
11.17.00	11.34.30	1000		
11.18.00	11.34.00	1100		
11.19.00	11.33.50	1200		
11.20.00	11.31.30	1300		
11.21.00	11.30.00	1400		
11.22.00	11.28.00	1500		
11.23.00	11.27.00	1600		
11.23.30	11.26.00	1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

No. *41480*Date *Feb. 25/10*Machine. *Sigsbee*Reel. *A*Turns *1750* Cor. *107*Depth *1857*Shot or lead *35 lbs.*Bottom *Br. M.*Bottom temperature *35.2*No. of Thermometer *61588* Cor. *±0*Corrected temperature *35.2*Air *62* Surface *62* Drift.Trawl or dredge or tangles *-*

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

<i>1-41-30</i>	<i>2-28-30</i>	0		
<i>43-0</i>	<i>30-30</i>	100		
<i>44-0</i>	<i>19-30</i>	200		
<i>45-0</i>	<i>18-30</i>	300		
<i>46-0</i>	<i>17-30</i>	400		
<i>47-0</i>	<i>16-30</i>	500		
<i>49-30</i>	<i>15-30</i>	600		
<i>50-30</i>	<i>14-30</i>	700		
<i>51-30</i>	<i>13-30</i>	800		
<i>52-30</i>	<i>12-30</i>	900		
<i>53-30</i>	<i>11-30</i>	1000		
<i>54-30</i>	<i>10-30</i>	1100		
<i>55-30</i>	<i>9-30</i>	1200		
<i>57-0</i>	<i>8-30</i>	1300		
<i>58-0</i>	<i>7-30</i>	1400		
<i>59-30</i>	<i>6-30</i>	1500		
<i>2-0-30</i>	<i>5-30</i>	1600		
<i>1-30</i>	<i>4-30</i>	1700		
<i>2-30</i>	<i>2-4-0</i>	1750		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *16* 1761Date *Feb. 27* 1881*Sigsbee* Machine. *2* Reel.Turns *1336* Cor. + *88* Depth *1424*Shot ~~or lead~~ *35 lbs.*Bottom *gy. M. S.*Bottom temperature *35.4*No. of Thermometer *6588* Cor. *0*Corrected temperature *35.4*Air *64* Surface *62* Drift.~~Trawl or dredge or trawls~~

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.		UP.		DOWN.		UP.
<i>12.12</i>						
<i>5.</i>	<i>14.30</i>	<i>44.35</i>	<i>0</i>			
	<i>15.50</i>	<i>43.5</i>	<i>100</i>			
	<i>17.05</i>	<i>43.15</i>	<i>200</i>			
	<i>18.10</i>	<i>42.40</i>	<i>300</i>			
	<i>19.30</i>	<i>42.00</i>	<i>400</i>			
	<i>20.35</i>	<i>41.15</i>	<i>500</i>			
	<i>21.45</i>	<i>40.30</i>	<i>600</i>			
	<i>23.00</i>	<i>39.45</i>	<i>700</i>			
	<i>24.20</i>	<i>39.00</i>	<i>800</i>			
	<i>25.45</i>	<i>38.05</i>	<i>900</i>			
	<i>27.10</i>	<i>37.15</i>	<i>1000</i>			
	<i>28.40</i>	<i>36.20</i>	<i>1100</i>			
	<i>30.10</i>	<i>35.25</i>	<i>1200</i>			
	<i>31.45</i>	<i>34.25</i>	<i>1300</i>			
			<i>1400</i>			
			<i>1500</i>			
			<i>1600</i>			
			<i>1700</i>			
			<i>1800</i>			
			<i>1900</i>			
			<i>2000</i>			
			<i>2100</i>			
			<i>2200</i>			
			<i>2300</i>			
			<i>2400</i>			

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1782* Date *Feb. 27* 1889*Sigsbee* Machine. *2* Reel.Turns *1358* Cor. + *8* Depth *1447*Shot or lead *35 lbs.*Bottom *gy. S.*Bottom temperature *35.5*No. of Thermometer *61588* Cor. *-0*Corrected temperature *35.5*Air *63* Surface *61* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1. 17. 40</i>	<i>21. 05</i>	0		
<i>52. 00</i>	<i>20. 25</i>	100		
<i>53. 10</i>	<i>19. 40</i>	200		
<i>54. 25</i>	<i>19. 00</i>	300		
<i>55. 40</i>	<i>18. 20</i>	400		
<i>57. 00</i>	<i>17. 40</i>	500		
<i>58. 20</i>	<i>16. 45</i>	600		
<i>59. 35</i>	<i>15. 55</i>	700		
<i>00. 50</i>	<i>15. 05</i>	800		
<i>02. 15</i>	<i>14. 10</i>	900		
<i>03. 30</i>	<i>13. 10</i>	1000		
<i>04. 50</i>	<i>12. 15</i>	1100		
<i>06. 05</i>	<i>11. 15</i>	1200		
<i>07. 30</i>	<i>10. 20</i>	1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1783472. Date of 1869  
Sawyer Machine. Reel.

Turns 28 Cor. + 1 Depth 29

Shot or Lead 25-Chr

Bottom of S. A. R. S. A.

Bottom temperature none

No. of Thermometer 61588 Cor. 1.20

Corrected temperature none

Air 61 Surface 61 Drift.

~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.05	7.6.10	0		
7.57.30	7.5.35	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

W 617

No. 1784 Hg. Date Sept 28 1881

Tanner Machine. Reel.

Turns 40 Cor. + 2 Depth 42

Shot or lead 25-lb

Bottom Gl + Sh.

Bottom temperature 59

No. of Thermometer 615-88 Cor. 1.0

Corrected temperature 59

Air 61 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

7.41.30

7.41.30

7.42.00

7.43.30

7.42.20

TURNS

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1785* Date *Feb. 28*  
*Hand* lead Machine. Reel.  
 Turns Cor. + Depth *19 1/2*  
 Shot or lead  
 Bottom *gy. S.*  
 Bottom temperature  
 No. of Thermometer } *None* Cor.  
 Corrected temperature  
 Air Surface Drift.  
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 375

Date Oct 25/90

Machine.

Reel. #2

Turns 54 Cor. + 4 Depth 58

Shot or lead 35 lb.

Bottom gy. s. sh.

Bottom temperature

No. of Thermometer 5578 Cor. 0

Corrected temperature 58.8

Air 71 Surface 71 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

11-11-30

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *117*Date *24*

Machine.

Reel.

Turns *109* Cor. + *4* Depth *113*Shot or lead *25 lbs*Bottom *gy. m.*

Bottom temperature

No. of Thermometer *01* Cor. *0*

Corrected temperature

Air

Surface

Drift.

*1/2 S 1/2 W*

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*1-2 2 1/2*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

2985

Date

February 28/89

Machine.

Reel.

Turns

Cor. +

Depth

36

Shot or lead

Hand Lead -

Bottom

Crk Sh. R.

Bottom temperature

No. of Thermometer

Cor.

Corrected temperature

None.

Air

66

Surface

65

Drift.

1/8 mi N x E

Trawl or dredge or tangles

Small Beam

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

1-0-0

17-30

100

00-0

200

10-30

1-13-0

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

516

Date

February 28 1887

Machine. 2. Reel.

Turns 638 Cor. + 46 Depth 684

Shot or lead 36 lb.

Bottom fine gy. S. bk. Sh. R.

Bottom temperature 38.5

No. of Thermometer 61588 Cor.  $\pm 0$ 

Corrected temperature 38.5

Air 67 Surface 64 Drift. 6 S.

Trawl or dredge or tangles Large Fish.

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

		0		57. 00
38. 20	50. 10	100	58. 00	54. 0
5	49. 30	200	59. 30	51. 00
40. 15	48. 40	300	04. 30	48. 0
20	47. 50	400	07. 30	45. 0
2. 25	46. 55	500	09. 30	41. 55
43. 40	45. 55	600	12. 30	38. 30
		700	15. 10	35. 10
		800	18. 40	32. 10
		900	22. 30	28. 30
		1000	26. 15	24. 30
		1100	29. 20	20. 20
		1200	32. 05	16. 40
		1240		
		1300	33. 00	15. 45
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

7/15/89

No. 2987 Date Oct 28<sup>th</sup> 1889

Sigsbee Machine. Reel. #2

Turns 158 Cor. + 13 Depth 171

Shot or lead 38 lbs

Bottom gy. S. bk. sh. & g.

Bottom temperature 46.3

No. of Thermometer 61588 Cor. E

Corrected temperature 46.3

Air 65 Surface 68 Drift. S. 1/2 W. 1/2 N.

Trawl or dredge or tangles Small. Brown

SOUNDING WIRE.

P.M. DOWN.	UP.
4.31.00	4.52.00
11.20.00	4.35.00
4.33.00	4.35.00

TURNS.

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400

DREDGE ROPE.

P.M. DOWN.	UP.
4.38.00	5.24.30
4.42.00	5.20.00
4.50.45	5.15.00
5.14.00	
5.11.00	



2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1786 Date Dec 28 1889

Sigsbee Machine. Reel. 4 2

Turns 165 Cor. 71 Depth 1121

Shot or lead 35 lb

Bottom gy M. S.

Bottom temperature 36

No. of Thermometer 61588 Cor.  $\pm 0$

Corrected temperature 36

Air 61 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

P.M.

6.7.30

6.31.30

0

6.8.30

6.30.30

100

6.9.30

6.29.30

200

6.10.30

6.28.30

300

6.11.30

6.27.30

400

6.12.30

6.26.30

500

6.13.30

6.25.30

600

6.14.30

6.24.30

700

6.15.30

6.23.30

800

6.16.30

6.22.30

900

6.17.30

6.21.30

1000

6.18.30

6.20.30

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

503

No. 178 / Hy. Date July 28

Sigs Machine. Réel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 61588 Cor.

Corrected temperature

Air Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *57* Date *February 28/84*  
*Winchee* Machine. Reel. *2-3*  
 Turns *1635* Cor. + *102* Depth *1737*  
 Shot or lead *60 lbs.*  
 Bottom *gy. m.*  
 Bottom temperature *35*  
 No. of Thermometer *61588* Cor. *±0*  
 Corrected temperature *35*  
 Air *61* Surface *61* Drift.  
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>52-30</i>	<i>33-45</i>	0		
<i>53-30</i>	<i>32-0</i>	100		
<i>54-30</i>	<i>31-15</i>	200		
<i>55-30</i>	<i>31-30</i>	300		
<i>3-30</i>	<i>30-45</i>	400		
<i>7-30</i>	<i>30-0</i>	500		
<i>8-30</i>	<i>19-15</i>	600		
<i>59-30</i>	<i>18-45</i>	700		
<i>-0-30</i>	<i>18-0</i>	800		
<i>1-30</i>	<i>17-15</i>	900		
<i>2-30</i>	<i>16-30</i>	1000		
<i>3-30</i>	<i>15-15</i>	1100		
	<i>15-</i>	1200		
<i>5-30</i>	<i>14-15</i>	1300		
<i>6-30</i>	<i>13-30</i>	1400		
<i>7-30</i>	<i>12-45</i>	1500		
<i>8-30</i>	<i>9-12-0</i>	1600		
		<i>35</i>		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *H. 1111* Date *March 1st 1887**Sigsbee* Machine. *2* Reel.

Turns Cor. + Depth

Shot or lead *60 lbs.*

Bottom

Bottom temperature

No. of Thermometer *61588* Cor.

Corrected temperature

Air Surface Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*3 32 40**5 33 55**50 fms 111**Reel 111*0  
100  
200  
300  
400  
500  
600  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1788 Date Nov 17 1881

Sigsbee Machine. Reel.

Turns 114 Cor. + 114 Depth 2135

Shot or Lead 85-66

Bottom none

Bottom temperature none

No. of Thermometer 61588 Cor. lost

Corrected temperature none.

Air 60 Surface 62 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

5.10.00 6.12.00

0

5.11.00 6.11.00

100

5.21.00 6.10.30

200

5.25.00 6.10.00

300

5.28.00 6.9.30

400

5.30.00 6.9.00

500

5.32.00 6.8.30

600

5.37.30 6.7.30

700

5.41.00 6.7.00

800

5.42.00 6.6.00

900

5.43.00 6.04.00

1000

5.44.00 6.02.00

1100

5.45.00 6.00.00

1200

5.46.00 5.59.00

1300

5.47.00 5.57.00

1400

5.48.00 5.55.00

1500

5.49.00 5.54.00

1600

5.50.00 5.53.00

1700

5.51.30 5.52.00

1800

5.52.00 5.51.00

1900

5.53.00 5.50.00

2000

5.54.00 5.49.00

2100

5.55.00 5.48.00

2200

5.56.00 5.47.00

2300

5.57.00 5.46.00

2400

1 hour 22 minutes taken sounding

*Temperature  
in O.C.*

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *189* Date *March*  
 Machine. Reel. *2*  
 Turns *1952* Cor. + *113* Depth *2065*  
 Shot or lead *60 lb*  
 Bottom *br. g.*  
 Bottom temperature *34.8*  
 No. of Thermometer *61590* Cor. *± 0*  
 Corrected temperature *34.8*  
 Air *65* Surface *63* Drift.  
 Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>12-16-30</i>	<i>55-0</i>	<i>0</i>		
	<i>17-30</i>	<i>100</i>		
	<i>54-0</i>	<i>200</i>		
<i>30</i>	<i>53-30</i>	<i>300</i>		
<i>30-30</i>	<i>53-0</i>	<i>400</i>		
	<i>52-30</i>	<i>500</i>		
<i>32-0</i>	<i>52-0</i>	<i>600</i>		
<i>32-0</i>	<i>51-30</i>	<i>700</i>		
<i>31-0</i>	<i>51-0</i>	<i>800</i>		
<i>30-0</i>	<i>50-30</i>	<i>900</i>		
<i>30-0</i>	<i>49-30</i>	<i>1000</i>		
<i>30-0</i>	<i>48-30</i>	<i>1100</i>		
<i>30-0</i>	<i>47-30</i>	<i>1200</i>		
<i>30-0</i>	<i>46-30</i>	<i>1300</i>		
<i>30-0</i>	<i>45-30</i>	<i>1400</i>		
<i>31-30</i>	<i>44-30</i>	<i>1500</i>		
<i>33-0</i>	<i>43-30</i>	<i>1600</i>		
<i>34-0</i>	<i>42-30</i>	<i>1700</i>		
<i>35-0</i>	<i>41-30</i>	<i>1800</i>		
<i>36-30</i>	<i>40-30</i>	<i>1900</i>		
<i>37-0</i>	<i>39-0</i>	<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 16, 1790 Date March 7<sup>th</sup> 1889

Sigsbee Machine. 2 Reel.

Turns 2010 Cor. + 114 Depth 2124

Shot ~~or lead~~ 60 lbs.

Bottom br. gy.

Bottom temperature 34.9

No. of Thermometer 61590 Cor.

Corrected temperature 34.9

Air 75 Surface 65 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M. 46. 45	28. 45	0		
47. 45	27. 45	100		
50. 50	27. 25	200		
51. 45	26. 45	300		
52. 35	26. 25	400		
53. 30	25. 25	500		
54. 25	24. 40	600		
55. 20	23. 40	700		
56. 15	22. 40	800		
57. 10	21. 30	900		
58. 5	20. 40	1000		
59. 15	19. 30	1100		
60. 30	18. 00	1200		
01. 20	18. 10	1300		
02. 25	17. 15	1400		
03. 30	16. 25	1500		
04. 35	15. 30	1600		
05. 45	14. 25	1700		
06. 55	13. 20	1800		
07. 10	12. 20	1900		
08. 25	11. 10	2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1791* Date *July 11*  
*Sigsbee* Machine. Reel. *X 2*  
 Turns *21* Cor. + *115* Depth *2165*  
 Shot or lead *60 lb*  
 Bottom *Bw M.*  
 Bottom temperature *85*  
 No. of Thermometer *61590* Cor. *± 0*  
 Corrected temperature *35*  
 Air *65* Surface *64* Drift.  
~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.
<i>2.11-05</i>	<i>3.90.3</i>	0
<i>2.20.50</i>	<i>3.7.30</i>	100
<i>2.21.00</i>	<i>3.7.00</i>	200
<i>2.22.00</i>	<i>3.6.30</i>	300
<i>2.23.00</i>	<i>3.6.00</i>	400
<i>2.24.00</i>	<i>3.5.30</i>	500
<i>2.25.00</i>	<i>3.5.00</i>	600
<i>2.26.00</i>	<i>3.4.30</i>	700
<i>2.27.00</i>	<i>3.3.00</i>	800
<i>2.28.00</i>	<i>3.02.00</i>	900
<i>2.29.00</i>	<i>3.00.00</i>	1000
<i>2.30.00</i>	<i>2.58.30</i>	1100
<i>2.31.00</i>	<i>2.57.00</i>	1200
<i>2.32.00</i>	<i>2.55.00</i>	1300
<i>2.33.30</i>	<i>2.53.00</i>	1400
<i>2.35.00</i>	<i>2.51.30</i>	1500
<i>2.36.00</i>	<i>2.49.30</i>	1600
<i>2.37.30</i>	<i>2.48.00</i>	1700
<i>2.38.50</i>	<i>2.47.00</i>	1800
<i>2.40.00</i>	<i>2.46.00</i>	1900
<i>2.41.40</i>	<i>2.45.00</i>	2000
<i>2.43.00</i>	<i>2.44.30</i>	2100
		2200
		2300
		2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine.

Reel.

Turns

Cor. +

114

Depth

2131

Shot or lead

60 lbs.

Bottom

gy. M.

Bottom temperature

No. of Thermometer

61590

Cor.

 $\pm 0$ 

Corrected temperature

34.9

Air

64

Surface

64

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

54-30

37-30

0

55-30

36-0

100

56-30

35-0

200

57-15

34-0

300

58-0

33-0

400

59-0

32-0

500

60-0

31-0

600

1-0

30-0

700

2-0

29-0

800

2-45

28-0

900

3-30

27-0

1000

4-30

26-0

1100

5-30

25-0

1200

6-30

24-0

1300

7-30

23-0

1400

8-30

22-0

1500

9-45

21-0

1600

11-0

20-0

1700

12-30

19-0

1800

13-30

18-0

1900

14-0

6-17-0

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *61590* Date *March 4<sup>th</sup> 1894*  
*Sigsbee* Machine. 2 Reel.

Turns *1260* Cor. + *83* Depth *1343*

Shot or lead *60 lbs.*

Bottom *br. M. S.*

Bottom temperature *35.4*

No. of Thermometer *61590* Cor.  $\pm 0$

Corrected temperature *35.4*

Air *66* Surface *64* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

8.	13. 40	36. 15	0
	14. 25	35. 40	100
	15. 05	35. 05	200
	15. 50	34. 25	300
	16. 40	33. 45	400
	17. 25	33. 00	500
	18. 20	32. 15	600
	19. 10	31. 30	700
	20. 05	30. 45	800
	21. 00	30. 00	900
	22. 00	29. 05	1000
	23. 00	28. 05	1100
	24. 00	26. 50	1200
	24. 45	26. 15	1300
			1400
			1500
			1600
			1700
			1800
			1900
			2000
			2100
			2200
			2300
			2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2713*Date *March 31 1881**Sigsbee* Machine. *2* Reel.Turns *32* Cor. + *2* Depth *34*Shot or lead *38 lbs*Bottom *coralline*Bottom temperature *63.9*No. of Thermometer *61590* Cor. *+.2*Corrected temperature *64.1*Air *62* Surface *65* Drift. *.3 S 11 1/2 E*

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*9. 10. 40**12. 00**0**9. 38. 00**17. 50**50**100**39. 40**46. 20**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400**strong**Top of rope, down**nothing*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *111* Date *March 1 1889**Tanner* / Machine. Reel.Turns *35* Cor. + *1* Depth *36*Shot or lead *25 lb*Bottom *coralline*Bottom temperature *64.3*No. of Thermometer *61590* Cor. + *.2*Corrected temperature *64.5*Air *64* Surface *65* Drift. *1/4 m. S. S. 1/2*Trawl or dredge or tangles *Ship*

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>H. M.</i>					
<i>7.51</i>	<i>00</i>	<i>52.25</i>		<i>7.56</i>	<i>10.00</i>
			<i>0</i>	<i>36.30</i>	<i>19.00</i>
			<i>60</i>		
			<i>100</i>		
			<i>200</i>		
			<i>300</i>		
			<i>400</i>		
			<i>500</i>		
			<i>600</i>		
			<i>700</i>		
			<i>800</i>		
			<i>900</i>		
			<i>1000</i>		
			<i>1100</i>		
			<i>1200</i>		
			<i>1300</i>		
			<i>1400</i>		
			<i>1500</i>		
			<i>1600</i>		
			<i>1700</i>		
			<i>1800</i>		
			<i>1900</i>		
			<i>2000</i>		
			<i>2100</i>		
			<i>2200</i>		
			<i>2300</i>		
			<i>2400</i>		



	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *587*Date *March 1881*

Tanner

Machine.

Reel.

Turns *46* Cor. + *2*Depth *48*Shot or lead *25-lbs.*Bottom *coralline*Bottom temperature *63.6*No. of Thermometer *615-90* Cor. + *2*Corrected temperature *63.8*Air *64*Surface *65*Drift, *5-30 N. 10 E.*Trawl or dredge or tangles *13 fms.*

## SOUNDING WIRE.

## DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.09.15</i>	<i>10.30</i>	0	<i>10.15.00</i>	<i>48.36</i>
		100	<i>22.00</i>	<i>30.15</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1794* Date *March 1907*

Machine. Reel.

Turns *53* Cor. + *2* Depth *55*Shot or lead, *25 lbs*Bottom *G. & coralline*Bottom temperature *64.5*No. of Thermometer *61590* Cor. *+ .2*Corrected temperature *64.3*Air *64* Surface *65* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*09.45**11.02*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 113

Date March 27

Machine. 2 Reel.

Turns 459 Cor. + 34 Depth 493

Shot or lead 38 lbs

Bottom R. M. S.

Bottom temperature 40.3

No. of Thermometer 61590 Cor. +.2

Corrected temperature 40.1

Air 64 Surface 65 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

11. 29. 00 38. 40 0

29. 50 37. 50 100

30. 40 37. 20 200

31. 40 36. 20 300

32. 45 35. 30 400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 17964y Date March

Machine. Reel. 2

Turns 1250 Cor. + 62 Depth 1312

Shot or lead 55

Bottom br. M. S.

Bottom temperature 85.4

No. of Thermometer 61590 Cor. 0

Corrected temperature 35.4

Air 65 Surface 65 Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

DOWN.

UP.

TURNS.

# DREDGE ROPE.

DOWN.

UP.

12.130	12.2630	0
12.230	12.	100
12.300	12.2400	200
12.400	12.2300	300
12.500	12.2230	400
12.600	12.2200	500
12.700	12.	600
12.800	12.2100	700
12.900	12.2030	800
12.1000	12.2000	900
12.1200	12.1900	1000
12.1300	12.1800	1100
12.1430	12.1700	1200
12.1500	12.1600	1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1797 Date Mar. 2

Sigsbee Machine. Reel.

Turns 2016 Cor. + 115 Depth 2151

Shot or lead 60

Bottom M. S.

Bottom temperature 84.9

No. of Thermometer 615 Cor.  $\pm 0$

Corrected temperature 34.9

Air 67 Surface 66 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2.12.00		0	
2.13.0		100	
2.14		200	
2.14.30		300	
2.15		400	
		500	
16.		600	
2.17.00		700	
2.18.00		800	
2.19.00		900	
	2.21.00	1000	
	2.22.00	1100	
2.23.30		1200	
2.25.00		1300	
2.26.00		1400	
2.27.00		1500	
2.28.50		1600	
		1700	
2.31.30		1800	
		1900	
2.34.30		2000	
2.35		2100	
		2200	
		2300	
		2400	

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 78 Date March 20

Machine. Reel. #2

Turns 2000 Cor. + 114 Depth 2114

Shot or lead 60 lbs.

Bottom gy. m.

Bottom temperature

No. of Thermometer 61540 Cor. ± 0

Corrected temperature 35

Air 66 Surface 65 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-00-0	27-0	0		
40-0	25-40	100		
41-0	24-20	200		
2-0	23-0	300		
43-0	21-40	400		
44-0	20-20	500		
5-0	19-0	600		
111	17-40	700		
47-0	16-20	800		
6-0	15-0	900		
111	14-0	1000		
57-0	13-0	1100		
7-0	12-0	1200		
52-0	11-0	1300		
3-0	10-0	1400		
4	9-0	1500		
2	8-0	1600		
1	7-0	1700		
57-0	5-40	1800		
9-0-0	4-20	1900		
1-0	9-03-0	2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1794* Date *March 3<sup>rd</sup> 1889*  
*Sigsbee* Machine. *2* Reel.

Turns *2052* Cor. + *115* Depth *2167*

Shot or lead *60 lbs.*

Bottom *br. G.*

Bottom temperature *34.9*

No. of Thermometer *61570* Cor.  $\pm 0$

Corrected temperature *34.9*

Air *67* Surface *66* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

<i>10.35</i>	<i>52.40</i>	0		
<i>11.35</i>	<i>51.55</i>	100		
<i>12.30</i>	<i>51.20</i>	200		
<i>13.30</i>	<i>50.40</i>	300		
<i>14.20</i>	<i>50.00</i>	400		
<i>15.15</i>	<i>49.15</i>	500		
<i>16.15</i>	<i>48.30</i>	600		
<i>17.10</i>	<i>47.40</i>	700		
<i>18.05</i>	<i>46.50</i>	800		
<i>19.05</i>	<i>46.00</i>	900		
<i>20.05</i>	<i>45.15</i>	1000		
<i>21.05</i>	<i>44.20</i>	1100		
<i>22.10</i>	<i>43.25</i>	1200		
<i>23.15</i>	<i>42.30</i>	1300		
<i>24.20</i>	<i>41.35</i>	1400		
<i>25.25</i>	<i>40.40</i>	1500		
<i>26.35</i>	<i>39.40</i>	1600		
<i>27.45</i>	<i>38.40</i>	1700		
<i>29.00</i>	<i>37.30</i>	1800		
<i>30.15</i>	<i>36.25</i>	1900		
<i>31.30</i>	<i>35.00</i>	2000		

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Wm H. 807

No. 180 Date *March 1891*

*Sigsbee* Machine. Reel. *#2*

Turns *2160* Cor. + *120* Depth *2280*

Shot ~~35 lb~~ *60 lb*

Bottom *br M.*

Bottom temperature *35*

No. of Thermometer *61590* Cor.  $\pm 0$

Corrected temperature *35*

Air *67* Surface *68* Drift.

~~Trawl or dredge or tangles~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*9.36.00* *10.18.30*

0

*9.36.30* *10.17.30*

100

*9.37.00* *10.16.30*

200

*9.38.00* *10.16.00*

300

*9.39.00* *10.15.00*

400

*9.40.00* *10.15.00*

500

*9.40.30* *10.14.30*

600

*9.41.30* *10.14.00*

700

*9.42.30* *10.13.00*

800

*9.43.30* *10.12.00*

900

*9.44.30* *11.00.00*

1000

*9.45.30* *10.00.00*

1100

*9.46.30* *10.00.00*

1200

*9.47.30* *10.00.00*

1300

*9.48.30* *10.00.00*

1400

*9.49.30* *10.00.00*

1500

*9.51.00* *10.00.00*

1600

*9.52.00* *10.00.00*

1700

*9.53.00* *10.00.00*

1800

*9.54.00* *10.00.00*

1900

*9.55.30* *10.00.00*

2000

*9.56.00* *10.00.00*

2100

*9.57.30* *9.59.00*

2200

2300

2400



2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine.

Machine.

Reel.

Turns 1740 Cor. + 105

Depth 1845

Shot or lead 60 lbs.

Bottom

Bottom temperature 35

No. of Thermometer 61590 Cor.  $\pm 0$ 

Corrected temperature 35

Air 72

Surface 71

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

4-03-0	36-0	0
04-0	35-15	100
05-0	34-40	200
05-30	34-0	300
06-20	33-15	400
07-15	32-50	500
08-15	32-0	600
09-0	31-15	700
09-45	30-30	800
11-0	29-30	900
11-45	28-45	1000
13-0	28-0	1100
14-0	27-0	1200
15-0	26-0	1300
16-0	25-0	1400
17-0	24-0	1500
18-0	23-0	1600
19-30	22-0	1700
20-0	21-30	1800
		1900
		2000
		2100
		2200
		2300
		2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Lew 7/13

No. 1002 Date 11  
Sigsbee Machine. 2 Reel.

Turns 1959 Cor. + 113 Depth 2072

Shot or lead 61

Bottom br. O<sub>2</sub>.

Bottom temperature 35.0

No. of Thermometer 61590 Cor.  $\pm 0$ 

Corrected temperature 35

Air 68 Surface 69 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M.	DOWN.		DOWN.	UP.
10.	56.55	0 7.25		0
	29.50	0 6.40		100
	30.45	0 6.05		200
	31.35	0 5.25		300
	32.30	0 4.45		400
				500
	34.15	0 3.20		600
	35.15	0 2.35		700
	36.10	0 1.50		800
	37.10	0 1.05		900
	38.10	11. 00.15		1000
	39.10	59.25		1100
	40.15	58.35		1200
	41.20	57.50		1300
	42.25	56.55		1400
	43.35	55.55		1500
	44.40	55.00		1600
	45.50	54.00		1700
	47.05	52.55		1800
	48.15	51.35		1900
				2000
				2100
				2200
				2300
				2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1800 Date May 15 1881

Sigsbee Machine. Reel.

Turns 190 Cor. 112 Depth 2032

Shot or lead 60 lb.

Bottom Br M.

Bottom temperature 34.9

No. of Thermometer 61590 Cor.  $\pm 0$

Corrected temperature 34.9

Air 67 Surface 67 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.05-24	5.48.00	0		
5.07-25	5.47.00	100		
5.09-26	5.46.30	200		
5.11-27	5.46.00	300		
5.13-28	5.45.30	400		
5.15-29	5.45.00	500		
5.17-30	5.44.30	600		
5.19-31	5.44.00	700		
5.21-32	5.43.00	800		
5.23-33	5.42.00	900		
5.25-34	5.41.00	1000		
5.27-35	5.40.00	1100		
5.29-36	5.39.00	1200		
5.31-37	5.38.30	1300		
5.33-38	5.38.00	1400		
5.35-39	5.37.30	1500		
5.37-40	5.37.00	1600		
5.39-41	5.36.00	1700		
5.41-42	5.35.00	1800		
5.43-43	5.34.30	1900		
5.45-44	5.33.00	2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1811* Date *June 11*  
Machine. Reel.  
Turns *11* Cor. *1* Depth *12*  
Shot or lead *60 lb.*  
Bottom *fine bk. c.*  
Bottom temperature *35*  
No. of Thermometer *61040* Cor.  
Corrected temperature *35*  
Air *70* Surface *70* Drift.  
Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>11-28-0</i>	<i>3-40</i>	<i>0</i>
<i>29-0</i>	<i>3-0</i>	<i>100</i>
<i>30-0</i>	<i>2-15</i>	<i>200</i>
<i>31-0</i>	<i>1-30</i>	<i>300</i>
<i>31-45</i>	<i>1-0</i>	<i>400</i>
<i>32-30</i>	<i>12-0-15</i>	<i>500</i>
<i>33-15</i>	<i>59-30</i>	<i>600</i>
<i>34-0</i>	<i>58-45</i>	<i>700</i>
<i>35-0</i>	<i>58-0</i>	<i>800</i>
<i>36-0</i>	<i>57-15</i>	<i>900</i>
<i>36-45</i>	<i>56-30</i>	<i>1000</i>
<i>37-45</i>	<i>55-30</i>	<i>1100</i>
<i>39-0</i>	<i>54-45</i>	<i>1200</i>
<i>40-0</i>	<i>53-45</i>	<i>1300</i>
<i>41-0</i>	<i>52-45</i>	<i>1400</i>
<i>42-0</i>	<i>51-45</i>	<i>1500</i>
<i>43-30</i>	<i>50-45</i>	<i>1600</i>
<i>44-30</i>	<i>49-30</i>	<i>1700</i>
<i>46-0</i>	<i>48-0</i>	<i>1800</i>
<i>46-3</i>	<i>11-47-45</i>	<i>18</i> <i>1900</i>
		<i>2000</i>
		<i>2100</i>
		<i>2200</i>
		<i>2300</i>
		<i>2400</i>



2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

No. *1805* Date *March 4<sup>th</sup> 1881**Sigsbee* Machine. *2* Reel.Turns *1627* Cor. + *105* Depth *1732*Shot or lead *35 lbs.*Bottom *gy. S. G.*Bottom temperature *35*No. of Thermometer *61590* Cor.  $\pm 0$ Corrected temperature *35*Air *72* Surface *71* Drift.~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
<i>1. 24. 50</i>	<i>59. 30</i>	0		
<i>25. 55</i>	<i>58. 55</i>	100		
<i>26. 55</i>	<i>58. 15</i>	200		
<i>28. 00</i>	<i>57. 40</i>	300		
<i>29. 05</i>	<i>57. 15</i>	400		
<i>30. 00</i>	<i>56. 15</i>	500		
<i>31. 10</i>	<i>55. 45</i>	600		
<i>32. 20</i>	<i>54. 50</i>	700		
<i>33. 30</i>	<i>54. 15</i>	800		
<i>34. 40</i>	<i>53. 20</i>	900		
<i>36. 00</i>	<i>52. 35</i>	1000		
<i>37. 20</i>	<i>51. 35</i>	1100		
<i>38. 40</i>	<i>50. 45</i>	1200		
<i>40. 05</i>	<i>49. 50</i>	1300		
<i>41. 30</i>	<i>48. 40</i>	1400		
<i>43. 05</i>	<i>47. 35</i>	1500		
<i>44. 20</i>	<i>46. 25</i>	1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Lat. 13.*

No. 1806

Date

*March 4<sup>th</sup> 1888*

Sigsbee Machine. 2 Reel.

Turns 260 Cor. + 21 Depth 281

Shot ~~or lead~~ 35 lbs.

Bottom *bk. S.*

Bottom temperature 46.2

No. of Thermometer 61590 Cor. +.2

Corrected temperature 46.4

Air *71* Surface *71* Drift.

~~Trawl or dredge or tangles~~

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

PM.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
2.	45.50	51.20	0		
	46.50	50.40	100		
	47.50	50.05	200		
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 9712 Date 7/10/08

Sigsbee Machine. Reel. A 2

Turns 315 Cor. + 26 Depth 341

Shot or lead 35

Bottom firm

Bottom temperature none

No. of Thermometer 61590 Cor. lost.

Corrected temperature none

Air 75 Surface 72 Drift. 1/4 mile W X W 1/2 N

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9.55:00

9.56:30

10.00:00

10.03:00

9.59:00

10.13:00

10.10:00

10.00:00

0

100

200

300

400

500

600

700

750

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

10.06:30

10.10:00

10.13:00

10.17:00

10.21:00

10.25:00

10.27:00

10.31:00

10.35:00

11.19:00

11.17:00

11.15:00

11.12:00

11.7:30

11.5:00

11.2:00

11.0:00

10.57:00

6159

9.55

9.56

10.00

10.03

9.59

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2992 Date March 11, 1907

Machine. Reel. V

Turns 2150 Cor. 1 30 Depth 2180

Shot or lead 38 lb

Bottom M.S. - R.

Bottom temperature 41.8

No. of Thermometer 61755 Cor.

Corrected temperature 41.8

Air 71 Surface 72 Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

DOWN.

UP.

## TURNS.

# NEW DREDGE ROPE.

DOWN.

UP.

11.21.30	11.31.10	0	11.21.30	
11.22.30	11.32.10	100	11.41.30	
11.23.30	11.33.10	200	11.51.30	
11.24.30	11.34.10	300	12.01.30	
11.25.30	11.35.10	400	12.11.30	1-45-0
11.26.30	11.36.10	500	12.21.30	2-00-0
		600	12.4.00	55-0
		700	12.8.00	49-45
		800	12.12.00	35-45
		900	15-0	32-0
		1000	18.40	12-24-30
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 27713

Date

March 6<sup>th</sup> 89

Machine.

Reel.

No. 2.

Turns

Cor. 1

Depth

564

~~Shot or lead~~

38 lbs.

Bottom

Bottom temperature

No. of Thermometer

Cor.

Corrected temperature

Air

Surface

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine.

Reel.

Turns 50.

Cor. +

4.

Depth 54.

Shot or lead

Bottom

Bottom temperature

No. of Thermometer

Cor.  $\pm 0$ 

Corrected temperature

Air

Surface

Drift.  $\frac{3}{8}$  m.  $\frac{1}{8}$  e.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

58-30

3-0-30

0

3-06-30

2

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

March 6<sup>th</sup> 89.

Machine.

Reel.

Turns

30

Cor. +

1

Depth

31

Shot or lead

25 lbs

Bottom

gy S. gyk 400.

Bottom temperature

68.4

No. of Thermometer

61755 Cor. + 0.

Corrected temperature

68.4

Air

72

Surface

72

Drift. 0.00 0.00

Trawl or dredge or tangles

Ophioid N. Med. ac

## SOUNDING WIRE.

## TURNS.

## NEW DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

3-31-0

32-30

0

3-32-0

16-30

31-15

3-31-30

100

36-15

3-45-0

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1807* Date *March 6" '17*  
*Sigsbee* Machine. 2 Reel.  
 Turns *610* Cor. 1 *41* Depth *651*  
 Shot ~~or lead~~ *35 lbs.*  
 Bottom *Gk & C. S. Glob.*  
 Bottom temperature *39.8*  
 No. of Thermometer *61755* Cor.  $\pm$  *1*  
 Corrected temperature *39.6*  
 Air *71* Surface *70* Drift.  
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. M.	DOWN.		DOWN.	UP.
<i>6-32.</i>	<i>45</i>	<i>45.10</i>		
		<i>0</i>		
<i>33.</i>	<i>50</i>	<i>44.30</i>		
		<i>100</i>		
<i>34.</i>	<i>55</i>	<i>43.55</i>		
		<i>200</i>		
<i>6.</i>	<i>00</i>	<i>43.10</i>		
		<i>300</i>		
<i>37.</i>	<i>05</i>	<i>42.25</i>		
		<i>400</i>		
<i>38.</i>	<i>15</i>	<i>41.40</i>		
		<i>500</i>		
<i>39.</i>	<i>30</i>	<i>40.40</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		



2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

W 14  
607

No. 1881 Date March 6-89

Sigsbee Machine. Reel. 2

Turns 1885 Cor. + 102 Depth 1987

Shot or lead 60 lbs

Bottom M.

Bottom temperature 35.3

No. of Thermometer 61753 - Cor.

Corrected temperature 35.3

Air 71 Surface 74 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.44.00	9.19.00	0		
8.45.00	9.18.00	100		
8.45.30	9.17.00	200		
8.46.30	9.16.00	300		
8.47.00	9.15.00	400		
8.47.30	9.14.00	500		
8.48.00	9.13.30	600		
8.49.00	9.13.00	700		
8.50.00	9.12.00	800		
8.51.00	9.11.00	900		
8.52.00	9.10.00	1000		
8.53.30	9.09.00	1100		
8.54.30	9.08.00	1200		
8.55.30	9.07.00	1300		
8.56.30	9.06.00	1400		
8.57.30	9.05.00	1500		
8.58.30	9.04.00	1600		
8.59.30	9.03.00	1700		
9.0.00	9.02.00	1800		
9.0.30	9.01.00	1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 186 Date Aug 1 1897  
 Sigs. Machine. Reel. #2  
 Turns 1406 Cor. + 102 Depth 2008  
 Shot or lead 60 lbs.  
 Bottom G.  
 Bottom temperature 35.1  
 No. of Thermometer 615 Cor. ± 0  
 Corrected temperature 35.1  
 Air 70 Surface 72 Drift.  
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>0-30</u>	<u>40-10</u>	0		
<u>30</u>	<u>40-0</u>	100		
<u>0</u>	<u>39-15</u>	200		
<u>3-30</u>	<u>38-10</u>	300		
<u>4-30</u>	<u>38-0</u>	400		
<u>5-30</u>	<u>37-15</u>	500		
<u>6-30</u>	<u>36-30</u>	600		
<u>7-30</u>	<u>35-45</u>	700		
<u>8-0</u>	<u>35-0</u>	800		
<u>9-0</u>	<u>34-10</u>	900		
<u>9-45</u>	<u>33-30</u>	1000		
<u>11-0</u>	<u>32-0</u>	1100		
<u>12-0</u>	<u>31-0</u>	1200		
<u>12-45</u>	<u>30-0</u>	1300		
<u>13-30</u>	<u>29-0</u>	1400		
<u>00</u>	<u>28-0</u>	1500		
<u>10-0</u>	<u>27-0</u>	1600		
<u>0</u>	<u>26-0</u>	1700		
<u>0</u>	<u>25-0</u>	1800		
<u>0</u>	<u>1-22-0</u>	1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

1810

Date

M

Sigsbee Machine. 2 Reel.

Turns 1411 Cor. 1 102 Depth 2512

Shot or lead 60 lbs

Bottom br. M.

Bottom temperature 36.4

No. of Thermometer 61755 Cor.  $\pm 0$ 

Corrected temperature 36.4

Air 69 Surface 42 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

5.	23.35	01.30	0
24.	20	01.10	100
25.	10	00.40	200
5.	50	59.55	300
26.	45	59.15	400
27.		58.30	500
28.	35	57.50	600
29.	30	57.05	700
30.	25	56.20	800
31.	20	55.30	900
32.	15	54.40	1000
	15	53.50	1100
34.	10	53.00	1200
35.	10	52.05	1300
36.	15	51.15	1400
37.	30	50.20	1500
38.	25	49.25	1600
39.	30	48.20	1700
40.	40	47.25	1800
41.	50	46.30	1900
			2000
			2100
			2200
			2300
			2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1111 Hy. 1* Date *March 7<sup>th</sup> 1907*

*Signature* Machine. *2* Reel.

Turns *1850* Cor. + *101* Depth *1951*

Shot or lead *60 lbs*

Bottom *B. M.*

Bottom temperature *55.3*

No. of Thermometer *61755* Cor.  $\pm 0$

Corrected temperature *35.3*

Air *71* Surface *73* Drift.

~~Trawl or dredge or tangles~~

# SOUNDING WIRE.

DOWN.

UP.

TURNS.

# DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.
<i>9.41.00</i>	<i>10.18.00</i>	0
<i>9.42.00</i>	<i>10.17.00</i>	100
<i>9.43.00</i>	<i>10.16.00</i>	200
<i>9.44.30</i>	<i>10.15.00</i>	300
<i>9.45.30</i>	<i>10.14.00</i>	400
<i>9.46.30</i>	<i>10.13.00</i>	500
<i>9.47.30</i>	<i>10.12.30</i>	600
<i>9.48.00</i>	<i>10.12.00</i>	700
<i>9.48.30</i>	<i>10.11.30</i>	800
<i>9.49.00</i>	<i>10.11.00</i>	900
<i>9.50.00</i>	<i>10.10.00</i>	1000
<i>9.51.00</i>	<i>10.09.00</i>	1100
<i>9.52.00</i>	<i>10.08.00</i>	1200
<i>9.53.00</i>	<i>10.07.00</i>	1300
<i>9.54.00</i>	<i>10.06.00</i>	1400
<i>9.55.00</i>	<i>10.05.00</i>	1500
<i>9.56.00</i>	<i>10.04.00</i>	1600
<i>9.57.00</i>	<i>10.03.00</i>	1700
<i>9.58.00</i>	<i>10.02.00</i>	1800
<i>10.00.00</i>	<i>10.01.00</i>	1900
		2000
		2100
		2200
		2300
		2400



2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

112.

Date

March 15

Machine.

Reel.

2

Turns 162 Cor. + 48 Depth 18

Shot or lead 60 lbs.

Bottom br. M.

Bottom temperature 30.2

No. of Thermometer 01755 Cor.

Corrected temperature 35.4

Air 75 Surface 74 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Sigsbee

Machine. 2 Reel.

Turns 1731 Cor. +

98

Depth 1829

Shot or lead 60 lbs.

Bottom br. M.

Bottom temperature stone

No. of Thermometer 61755 Cor.

Corrected temperature stone

Air 70

Surface 72

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

5. 52. 00	25. 40	0		
52. 45	24. 05	100		
53. 30	23. 15	200		
54. 15	22. 35	300		
55. 05	22. 00	400		
55. 55	21. 20	500		
56. 45	20. 35	600		
57. 40	19. 50	700		
58. 40	19. 05	800		
59. 35	18. 20	900		
6. 00. 30	17. 30	1000		
01. 35	16. 50	1100		
02. 40	15. 55	1200		
03. 45	15. 00	1300		
04. 50	14. 00	1400		
05. 55	13. 00	1500		
07. 10	11. 40	1600		
08. 20	10. 20	1700		

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1814 Date March 7<sup>th</sup> 89

Sigsbee Machine. 2 Reel.

Turns 1690 Cor. + 96 Depth 1786

Shot or lead 601

Bottom M. M.

Bottom temperature 35.3

No. of Thermometer 61755 Cor.  $\pm 0$

Corrected temperature 35.3

Air 70 Surface 71 Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

DOWN.

UP.

TURNS.

# DREDGE ROPE.

DOWN.

UP.

8			0
8 51.00	9.21.00		100
8 52.00	9.20.00		200
8 53.00	9.19.00		300
8 54.00	9.18.00		400
8 55.00	9.17.00		500
8 56.00	9.16.00		600
8 57.00	9.15.00		700
8 58.00	9.14.00		800
8 59.00	9.13.00		900
9.00.00	9.12.00		1000
9.01.00	9.11.00		1100
9.01.30	9.10.00		1200
9.02.00	9.09.00		1300
9.02.30	9.08.00		1400
9.03.00	9.07.00		1500
9.04.00	9.06.00		1600
9.04.30	9.05.00		1700
			1800
			1900
			2000
			2100
			2200
			2300
			2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	* COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

W. 1815

No. 1815 Date March 7 1887

Sigsbee Machine. Reel.

Turns 1725 Cor. + 9.8 Depth 1823

Shot or lead 36.6 lb

Bottom R. M.

Bottom temperature 35.3

No. of Thermometer 61763 Cor. + 0

Corrected temperature 35.3

Air 70 Surface 70 Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.36.00	11.14.00	0		
10.37.00	11.13.00	100		
10.38.00	11.12.00	200		
10.39.00	11.11.00	300		
10.40.00	11.10.00	400		
10.41.00	11.9.00	500		
10.42.00	11.8.30	600		
10.43.00	11.8.00	700		
10.44.00	11.7.30	800		
10.45.00	11.7.00	900		
10.46.00	11.6.30	1000		
10.47.00	11.5.00	1100		
10.48.30	11.3.30	1200		
10.50.00	11.2.30	1300		
10.52.00	11.1.30	1400		
10.54.00	10.59.30	1500		
10.56.00	10.58.30	1600		
10.58.00	10.57.30	1700		
10.60.00	10.56.30	1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1816 H. M. Date March 7-8-89

Sigsbee Machine. 2 Reel.

Turns 153 Cor. + 87 Depth 1619

Shot or lead 35 lb

Bottom Rky.

Bottom temperature 35.5

No. of Thermometer 61755 Cor.  $\pm 0$

Corrected temperature 35.5

Air 69 Surface 70 Drift:

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

11.54.00	12.27.00	0		
11.55.00	12.27.00	100		
11.56.00	12.26.30	200		
11.57.00	12.26.00	300		
11.58.00	12.25.30	400		
11.59.00	12.25.00	500		
12.00.00	12.24.00	600		
12.01.00	12.23.00	700		
12.02.00	12.22.00	800		
12.03.00	12.21.00	900		
12.05.00	12.20.00	1000		
12.06.00	12.19.00	1100		
12.07.00	12.18.00	1200		
12.08.00	12.17.00	1300		
12.09.00	12.16.00	1400		
12.10.30	12.15.00	1500		
12.11.00	12.14.00	1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 1817*Date *March 8**Decibel*

Machine.

Reel. *H-2*Turns *1092* Cor. + *69*Depth *1161*

Shot or lead

Bottom *rk*Bottom temperature *36?*No. of Thermometer *61755* Cor.  $\pm$  *0*Corrected temperature *36.2*Air *70* Surface *70* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS:

## DREDGE ROPE.

DOWN.

UP.

*1 0**6 25*

0

*2 0**11 1*

100

*3 0**10 1*

200

*4 0**9 1*

300

*5 0**8 1*

400

*6 0**7 1*

500

*7 0**6 1*

600

*8 0**5 1*

700

*9 0**4 1*

800

*10 0**3 1*

900

*11 0**2 1*

1000

*12 0**1 1*

1100

*13 0**0 1*

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

110.

Date

March 8 "89

Machine.

Reel.

"2.

Turns 611 Cor. + 40 Depth 651

Shot or lead 35 lbs.

Bottom

Rky. - 3-6"

Bottom temperature

No. of Thermometer 111455 Cor.  $\pm 0$ 

Corrected temperature 39.4

Air 70 Surface 70 Drift.

Trawl or dredge or tangles -

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1817

Date March 1897

Machine. 2 Reel.

Turns 1189 Cor. + 75 Depth 1264

Shot or lead 35 lbs.

Bottom gy. ss. bk. S.

Bottom temperature 35.1

No. of Thermometer 1111 Cor. + 0

Corrected temperature 35.8

Air 70 Surface 70 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

DOWN.	UP.	TURNS.
4. 49. 45	15. 45	0
50. 40	14. 55	100
51. 40	14. 10	200
52. 45	13. 20	300
53. 45	12. 30	400
54. 50	11. 40	500
55. 55	10. 45	600
7. 00	09. 50	700
58. 10	08. 50	800
59. 25	07. 55	900
0. 45	06. 55	1000
02. 10	05. 50	1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

1820

Date

March 10<sup>th</sup> 1881

Sigsbee Machine. 2 Reel.

Turns 150 Cor. 10

Depth 160

Shot or lead 60 lbs.

Bottom br. M.

Bottom temperature 35.6

No. of Thermometer 61755 Cor. 0

Corrected temperature 35.6

Air 71 Surface 70 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

6. 35. 35	.05. 45	0
36. 30	.04. 55	100
37. 20	.04. 15	200
38. 10	.03. 35	300
39. 00	.02. 50	400
39. 45	.01. 55	500
40. 35	01. 05	600
41. 30	00. 10	700
42. 25	59. 10	800
43. 20	58. 15	900
44. 20	57. 20	1000
45. 20	56. 20	1100
46. 20	55. 20	1200
47. 25	54. 20	1300
48. 30	53. 10	1400
49. 40	52. 00	1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

11507

No. 1821 Hgt. Date March 10 1887  
 Sigbee Machine. Reel. 2  
 Turns 854 Cor. + 56 Depth 910  
 Shot or lead 35 lb  
 Bottom br. M.  
 Bottom temperature 37.5  
 No. of Thermometer 6173.5 Cor. + 0  
 Corrected temperature 37.5  
 Air 71 Surface 72 Drift.  
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.21.00	8.45.00	0		
8.22.00	8.42.00	100		
8.23.00	8.41.00	200		
8.24.00	8.40.00	300		
8.25.00	8.39.00	400		
8.26.00	8.38.00	500		
8.27.00	8.37.00	600		
8.28.00	8.36.00	700		
8.29.30	8.34.00	800		
8.30.30	8.32.00	900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1822

Date July 10 1887

Sigsbee Machine. 2 Reel.

Turns 195 Cor. + 15 Depth 210

~~Shot or lead 35~~

Bottom Rky.

Bottom temperature 50.3

No. of Thermometer 61753- Cor.  $\pm 0$ 

Corrected temperature 50.3

Air 71 Surface 73 Drift.

~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

9.18.00 9.23.30

0

9.19.00 9.22.30

100

9.20 9.21.30

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd/853*, Date *Oct 21st 10*

Machine. Reel. *-11 3*

Turns *350*, Cor. + *20*, Depth *370*

Shot or lead *35 lbs.*

Bottom

Bottom temperature

No. of Thermometer *6175*, Cor. *± 0*

Corrected temperature *44*

Air *73*, Surface *73*, Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>06-15</i>	<i>13 15</i>	0
<i>07-10</i>	<i>12 15</i>	100
<i>08-00</i>	<i>11 00</i>	200
<i>09-05</i>	<i>10 00</i>	300
	<i>09 00</i>	400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1807

Date

Machine.

Reel.

Turns 626 Cor. + 41

Depth

Shot or lead

Bottom R.

Bottom temperature 39.2

No. of Thermometer 6155 Cor.  $\pm 0$ 

Corrected temperature 39.2

Air 72 Surface 73 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

0

09.50

0

100

10.25

200

10.40

300

10.55

400

11.10

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. " 1525

Date

March 10 1887

Sigsbee

Machine. 2 Reel.

Turns 170 Cor. 4

Depth 174 fms

Shot or Lead 35 lb

Bottom br. M.

Bottom temperature 35.5

No. of Thermometer 61755 Cor.  $\pm 0$ 

Corrected temperature 35.5

Air 72 Surface 73 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

5.	32.00	0
5.	31.15	100
5.	30.30	200
	29.45	300
	28.55	400
	28.10	500
	27.25	600
27.	26.40	700
	25.55	800
25.	25.10	900
	24.25	1000
	23.40	1100
23.	22.55	1200
	22.15	1300
22.	21.30	1400
21.	20.45	1500
20.	19.55	1600
19.	19.10	1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Wind

No. 1826 Hyd. Date March 10 1881

Sigsbee Machine. 2 Reel.

Turns 155 Cor. 1 91 Depth 1643

Shot or lead 60 lb

Bottom B. M.

Bottom temperature 35.5

No. of Thermometer 61755 Cor. 0

Corrected temperature 35.5

Air 70 Surface 70 Drift

Trawl or dredge or tangles

SOUNDING WIRE.

P. M.	DOWN.	P. M.
10.11.00	10.44.00	
10.12.00	10.43.00	
10.13.00	10.42.00	
10.14.00	10.41.00	
10.15.00	10.40.00	
10.16.00	10.39.00	
10.17.00	10.38.00	
10.18.00	10.37.00	
10.19.00	10.36.00	
10.20.00	10.35.00	
10.21.00	10.34.00	
10.22.00	10.32.00	
10.23.00	10.30.30	
10.24.00	10.29.30	
10.25.00	10.28.30	
10.26.00	10.27.30	
10.26.30	10.27.00	

TURNS.

0  
100  
200  
300  
400  
500  
600  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400

DREDGE ROPE.

DOWN. UP.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1820* Date *Oct 11 1891*  
*Sigsbee* Machine. Reel. # *2*  
 Turns *161* Cor. + *95* Depth *61*  
 Shot or lead *60 lbs.*  
 Bottom *dk br. m.*  
 Bottom temperature *35.5*  
 No. of Thermometer *6155* Cor. + *0*  
 Corrected temperature *35.5*  
 Air *69* Surface *71* Drift.  
 Trawl or dredge or longlines

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4-44-0</i>	<i>12-0</i>	<i>0</i>		
<i>45-0</i>	<i>11-15</i>	<i>100</i>		
<i>46-0</i>	<i>10-45</i>	<i>200</i>		
<i>46-45</i>	<i>10-0</i>	<i>300</i>		
<i>47-0</i>	<i>9-15</i>	<i>400</i>		
<i>48-0</i>	<i>8-45</i>	<i>500</i>		
<i>48-45</i>	<i>8-0</i>	<i>600</i>		
<i>49-15</i>	<i>7-15</i>	<i>700</i>		
<i>50-30</i>	<i>6-45</i>	<i>800</i>		
<i>51-30</i>	<i>6-0</i>	<i>900</i>		
<i>53-0</i>	<i>5-15</i>	<i>1000</i>		
<i>54-0</i>	<i>4-45</i>	<i>1100</i>		
<i>55-0</i>	<i>4-0</i>	<i>1200</i>		
<i>56-0</i>	<i>3-15</i>	<i>1300</i>		
<i>57-0</i>	<i>2-45</i>	<i>1400</i>		
<i>58-0</i>	<i>2-0</i>	<i>1500</i>		
<i>59-0</i>	<i>1-15</i>	<i>1600</i>		
<i>5-0-0</i>	<i>5-0-30</i>	<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

11825

Date

March 11 1884

Sigsbee

Machine. 2 Reel.

Turns 1602 Cor. + 92 Depth 1694

Shot or lead 60 lbs.

Bottom gn M.

Bottom temperature 35.4

No. of Thermometer 61455 Cor.  $\pm 0$ 

Corrected temperature 35.4

Air 72 Surface 74 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

57.30 32.00 0

58.10 31.10 100

00 30.20 200

58.55 29.30 300

01.30 28.40 400

0 27.45 500

03.40 26.45 600

.30 25.55 700

5 25.00 800

06.25 24.05 900

07.30 23.10 1000

.25 22.15 1100

9.31 21.20 1200

.01 20.25 1300

4.0 19.30 1400

.01 18.35 1500

.01 17.40 1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1827 H<sub>g</sub>. Date 9/11/1899

Sigsbee Machine. 2 Reel.

Turns 1618 Cor. + 93 Depth 1711

Shot or lead 60 lbs

Bottom gn. M.

Bottom temperature 35.5

No. of Thermometer 61753 Cor.  $\pm 0$

Corrected temperature 35.5

Air 69 Surface 71 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.10.00	5.45.00	0		
5.11.00	5.44.00	100		
5.12.00	5.43.00	200		
5.13.00	5.42.30	300		
5.14.00	5.42.00	400		
5.15.00	5.41.00	500		
5.16.00	5.40.00	600		
5.17.00	5.39.00	700		
5.18.00	5.38.00	800		
5.19.00	5.37.00	900		
5.20.00	5.36.00	1000		
5.21.00	5.35.00	1100		
5.22.00	5.34.00	1200		
5.23.00	5.33.00	1300		
5.24.00	5.31.30	1400		
5.25.00	5.30.30	1500		
5.26.00	5.29.30	1600		
5.27.20	5.29.00	1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1121* Date *Nov 16 1891*

Carrier Machine. Reel.

Turns *10* Cor. *1* Depth *10*Shot or lead *25 lbs*Bottom *gy. s. ll.*Bottom temperature *56*No. of Thermometer *61455* Cor.  $\pm 0$ Corrected temperature *56*Air *76* Surface *72* Drift *4 m A x N*

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>11-4-30</i>	<i>11-9-30</i>	<i>0</i>	<i>11-7-30</i>	<i>12-01-20</i>
<i>5-30</i>	<i>11-6-0</i>	<i>100</i>	<i>14-30</i>	<i>5-7-0</i>
		<i>200</i>		
		<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25.				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507  
413

No. 2977 Date March 16<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 25 Cor. + 6 Depth 221

Shot or lead 25 lbs.

Bottom gn. M.

Bottom temperature 49.5

No. of Thermometer 61755 Cor.  $\pm 0$

Corrected temperature 49.5

Air 75 Surface 43 Drift 6 m. 111° 30'

Trawl or dredge or tangles. Large Beam.

SOUNDING WIRE.

DOWN.

UP.

1 26 00 31.15  
26.50 31.50  
28.00 28.50

TURNS.

DREDGE ROPE.

DOWN.

UP.

0 34.00 35.30  
100 34.20 21.55  
300 13 N  
400 13 N  
465 13 N  
500 13 N  
600  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2711

Date March 16" 1889

Machine. Reel.

Turns 38 Cor. + 2 Depth 40

Shot or lead 25 lbs.

Bottom S. bk. Sl.

Bottom temperature 64

No. of Thermometer 6175 Cor.  $\pm 0$ 

Corrected temperature 64

Air 45 Surface 42 Drift. N x E  $\frac{1}{4}$  E. 1 mile

Trawl or dredge or tangles 13

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

3	37.10	39.00	0	3.39.10	4.14.00
			100	15.30	1.1.0
			200		
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*W. H. H.*

Trawl or dredge or longlines *Longlines*

440

Landing light - ships at 4.5 built  
R. B. Collier and the station in the distance.  
The ship are there.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Tanner

Machine.

Reel.

Turns 41 Cor. + 2 Depth 43

Shot or lead 25 lbs

Bottom cor. 2

Bottom temperature 61.5

No. of Thermometer 61755 Cor.  $\pm 0$ 

Corrected temperature 61.5

Air Surface Drift. NEXN  $\frac{1}{2}$  mile

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

5-9-30

11-0

0

5-10-30 6.30

10-0

5-10-30

100

150

80

200

16-30 6.27.00

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3001

Date

March 16 1877

Tanner

Machine.

Reel.

Turns 32

Cor. + 1

Depth 33

~~Shot or lead~~ 25 lb

Bottom fm gy s. bk sh

Bottom temperature 64.5

No. of Thermometer 61755 Cor.  $\pm 0$ 

Corrected temperature 64.5

Air 72

Surface 72

Drift. NXW  $\frac{1}{2}$  W 3 mi~~Trawl or dredge or tangles~~ C. g. dredge

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

5.32.00

5.33.00

0

6.33.00

5.42.50

65  
100

5.36.00

5.41.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 50021. Date March 17/189.

Hand Wind Machine. Reel.

Turns Cor. + 17 Depth 17

Shot or lead

Bottom S. & S.

Bottom temperature

No. of Thermometer

Cor.

Corrected temperature

Air 72 Surface 70 Drift.

Trawl or dredge or tangles Light dredge

# SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *310* / *V* / Date*no lead* Machine Reel.Turns Cor. + *V* Depth *9*

Shot or lead

Bottom *S y S*

Bottom temperature

No. of Thermometer } *none* Cor.

Corrected temperature

Air *4/12* Surface Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

30041

Date

Hand Lead

Machine.

Reel.

Turns

Cor. +

Depth

72

Shot or lead

Bottom

S. Sh.

Bottom temperature

No. of Thermometer

Corrected temperature

None Cor.

Air

72

Surface

Drift. 1/4 mi

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507

2005

No. 2005 Date March 17/89

Hand Lead Machine. Reel.

Turns Cor. + Depth 21

Shot or lead 9 lb.

Bottom S. Sh. Coralline

Bottom temperature

No. of Thermometer } Time Cor. Time.

Corrected temperature

Air Surface Drift. S. E.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

00.00

TURNS.

0

40

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

9-1-30

18.00

11-30

16.



2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *3006* Date *March 17*  
~~Shot~~ *lead*. Machine. Reel.

Turns Cor. + Depth *8*

~~Shot~~ or lead *9 lbs.*

Bottom *Sh*

Bottom temperature

No. of Thermometer } *None* Cor. *None*

Corrected temperature

Air *45* Surface *71* Drift. *1/8 m S x E*

Trawl or dredge or tangles *Large B...*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100	<i>25 00</i>	<i>43.20</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507  
mm H

No. 3007 Date March 17 1889  
Sigsbee Machine. 2 Reel.

Turns 338 Cor. + 24 Depth 362

Shot or lead 33 lb

Bottom gn. m.

Bottom temperature 44.5

No. of Thermometer 61755 Cor. + 0

Corrected temperature 44.5

Air 67 Surface 67 Drift. NNE 1 1/4 mile

Trawl or dredge or tangles 1 large 1300

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.33.00	12.41.00	0	12.45.00	2.50.00
12.34.30	12.40.00	100	12.46.30	2.20.00
12.36.00	12.39.00	200	12.48.00	1.59.30
12.37.30	12.38.00	300	12.49.30	1.56.00
		400	1.01.00	1.54.00
		500	1.04.00	1.52.00
		600	1.07.00	1.50.00
		700	1.10.00	1.46.00
		730	1.11.10	1.44.00
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Sigsbee's  
Gauss's  
or of the

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	2600	
	2700	
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	2900	
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	3200	
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	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *13008*Date *arch 18<sup>th</sup> 89*Machine. *Sigsbee*Reel. *#2*Turns *285* Cor. + *21*Depth *306*Shot or lead *35*Bottom *...*Bottom temperature *46*No. of Thermometer *61755* Cor. *± 0*Corrected temperature *46*Air *70* Surface *67* Drift. *1/2 mi. S.*Trawl or dredge or tangles *Large Bottom*

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*1-01-0**1-30**0**3-15**8-30**100**4-0**7-30**200**5**6-30**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400*

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	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *3009* Date *Jan 10 1880**Sigsbee* Machine. *2* Reel.Turns *555* Cor. *+ 49* Depth *557*Shot or lead *35 lbs.*Bottom *gn M.*Bottom temperature *7.7*No. of Thermometer *61755* Cor. *± 0*Corrected temperature *37.7*Air *67* Surface *55* Drift. *1 1/2 mi. 15 mi.*Trawl or dredge or tangles *Large Bivalve*

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>51. 15</i>	<i>07. 30</i>	0	<i>6. 12. 30</i>	
<i>52. 15</i>	<i>07. 35</i>	100	<i>16. 00</i>	<i>8. 36. 00</i>
<i>53. 20</i>	<i>06. 50</i>	200	<i>19. 30</i>	<i>8. 33. 00</i>
<i>54. 20</i>	<i>06. 05</i>	300	<i>22. 15</i>	<i>8. 29. 40</i>
<i>55. 18</i>	<i>05. 26</i>	400	<i>25. 30</i>	<i>8. 26. 30</i>
<i>56. 15</i>	<i>04. 30</i>	500	<i>28. 20</i>	<i>8. 23. 30</i>
<i>57. 25</i>	<i>03. 45</i>	600	<i>31. 10</i>	<i>8. 20. 30</i>
<i>58. 30</i>	<i>02. 45</i>	700	<i>33. 40</i>	<i>8. 17. 30</i>
<i>59. 35</i>	<i>01. 45</i>	800	<i>36. 10</i>	<i>8. 14. 00</i>
		900	<i>39. 05</i>	<i>8. 11. 00</i>
		1000	<i>42. 00</i>	<i>8. 8. 30</i>
		1100	<i>44. 45</i>	<i>8. 5. 45</i>
		1200	<i>48. 00</i>	<i>8. 00. 00</i>
		1300		<i>7. 55. 00</i>
		1400	<i>53. 30</i>	<i>7. 50. 10</i>
		1500	<i>56. 15</i>	<i>7. 40. 50</i>
		1600	<i>59. 50</i>	<i>7. 32. 50</i>
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	60	50306	$\pm 0$	60
100	58.1	57264	- .1	58
200	51.5	61542	+ .1	51.6
300	45.1	57264	- .4	44.7
400	42.6	61542	$\pm 0$	42.6
500	40.7	57264	$\pm 0$	40.9
600	39.2	57264		
700	37.6	57264	- .4	37.2
800				
900				
1000				

REMARKS.

No. 3010 Date March 20<sup>th</sup> 89

Sigsbee Machine. 2 Reel.

Turns 945 Cor. + 60 Depth 1005

Shot ~~or lead~~ 35 lb

Bottom M

Bottom temperature 37.6

No. of Thermometer 61755 Cor.  $\pm 0$

Corrected temperature 37.6

Air 74 Surface 71 Drift. 3 mi. 40 sec.

Trawl or dredge or tangles Large Beam.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.5.00	11.3.00	0	12-00-0	16.00
11.4.30		100	15-0	07.20
11.4.00		200	18-0	4.01.00
11.3.30		300	21-0	54.30
11.3.00		400	23-0	47.30
11.2.00		500	25-0	41-0
11.1.00		600	27-30	28-15
11.00.00		700	30-0	21-30
10.59.00		800	32-30	07-0
10.58.00		900	35-0	3-0-0
10.57.00		1000	38-0	51-30
		1100	41-0	113
		1200	44-0	35-30
		1300	46-30	22-30
		1400	49-0	15-0
		1500		
		1600	53-30	55-0
		1700	56-0	50-0
		1800	58-30	1-29-0
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
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	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	62.6	61.55	+ .1	63.7
100	57.2	57.264	- .3	56.7
200	50.1	57.264	- .4	49.9
300	46.2	61.758	± 0	46.2
400	43.	61.592	+ .2	43.2
500	41.5	57.264		
600	40.6	57.264		
700	38.1	61.758		
800	37.1	61.758		
900			± 0	37.8
1000				

# REMARKS.

1. 6 "65 was put down to 1000 fms  
log # 61755  
6-3.

11/2

No. *1830* Date *March 20<sup>th</sup> 1877*  
*Sigsbee* Machine. *2* Reel.  
Turns *563* Cor. + *38* Depth *601*  
Shot or lead *35 lbs.*  
Bottom *gy. M.*  
Bottom temperature *39.8*  
No. of Thermometer *61755* Cor.  $\pm 0$   
Corrected temperature *39.8*  
Air *70* Surface *66* Drift.  
Trawl or dredge or trawls

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6. 24. 30</i>	<i>37. 10</i>	0		
<i>25. 30</i>	<i>36. 20</i>	100		
<i>26. 30</i>	<i>35. 30</i>	200		
<i>27. 35</i>	<i>34. 40</i>	300		
<i>28. 40</i>	<i>33. 50</i>	400		
<i>29. 50</i>	<i>32. 55</i>	500		
		600		
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	3500	
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	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	63.5	61592	+ .1	63.6
100	57.8	57260	- .1	57.7
200	51.0	57451		
300	45.8	61751	± 0	45.8
400	43.6	57264	- .4	43.2
500	41.0	61755	± .0	41.0
600				
700				
800				
900				
1000				

REMARKS.

$$\begin{array}{r}
 3270 \\
 1885 \\
 \hline
 1885
 \end{array}$$

$$\begin{array}{r}
 1670 \\
 76 \\
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 1746
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$$\begin{array}{r} 3270 \\ 430 \\ \hline 2840 \end{array}$$

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 \end{array}$$



Correction Table Rule #2

Leot.	Turns	Cor.	Turns	Cor.
0	50	35	1600	120
0	100	37	1650	124
1	150	39	1700	128
1	200	41	1750	132
2	250	43	1800	136
3	300	45	1850	140
4	350	47	1900	144
4	400	49	1950	148
5	450	51	2000	152
6	500	53	2050	156
7	550	56	2100	159
8	600	59	2150	163
9	650	62	2200	167
10	700	65	2250	171
11	750	68	2300	175
12	800	71	2350	179
13	850	74	2400	183
14	900	77	2450	187
15	950	80	2500	192
16	1000	83	2550	197
19	1050	86	2600	202
21	1100	89	2650	207
22	1150	92	2700	211
23	1200	95	2750	217
24	1250	98	2800	221
25	1300	101	2850	
27	1350	104	2900	
29	1400	107	2950	
30	1450	110	3000	
31	1500	113	3050	
33	1550	116	3100	

3270  
 No. of turns on Reel 3270  
 Correction 130

92  
 38

3270  
 563  
 2707

Turns  
 3150  
 3200  
 3250  
 3300  
 3350  
 3400  
 3450  
 3500  
 3550  
 3600  
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 3700  
 3750  
 3800  
 3850  
 3900  
 3950  
 4000  
 4050  
 4100  
 4150  
 4200  
 4250  
 4300  
 4350

Graymont -  
 Mexico -